

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Customer Number: 41552  
Fan, Jian-Bing : Confirmation Number: 3434  
Application No.: 10/537,204 : Group Art Unit: 1634  
371(c) date: February 6, 2007 : Examiner: LU, Frank Wei Min  
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For: MULTIPLEXED METHYLATION DETECTION METHODS

**CERTIFICATE OF ELECTRONIC TRANSMISSION**

I hereby certify that this correspondence is being electronically-transmitted to the United States Patent and Trademark Office on Jul 2, 2010.  
Joy Day

**RESPONSE TO OFFICE ACTION**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated March 2, 2010, entry of the following amendments and consideration of the following remarks are respectfully requested.

**Amendments to the specification begin on page 2 of this paper.**

**Amendments to the abstract begin on page 8 of this paper**

**Amendments to the claims are reflected in the listing of claims which begin on page 9 of this paper.**

**Remarks begin on page 15 of this paper.**